(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 26 May 2005 (26.05.2005)

PCT

(10) International Publication Number WO 2005/047490 A2

(51) International Patent Classification7:

C12N 5/00

(21) International Application Number:

PCT/GB2004/004560

(22) International Filing Date: 28 October 2004 (28.10.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0325085.9

28 October 2003 (28.10.2003) GB

- (71) Applicant (for all designated States except US): UNIVER-SITY OF STRATHCLYDE [GB/GB]: McCance Building, 16 Richmond Street, Glasgow G1 IXQ (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): HALBERT, Gavin, William [GB/GB]; 88 Munro Road, Jordanhill, Glasgow G12 1SG (GB).
- (74) Agents: SZCZUKA, Jan, Tymoteusz et al.; Marks & Clerk, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

- (81) Designated States tunless otherwise indicated, for every kind of national protection availables: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FT, GB, GD, GE, GH, GM, HR, HU, ID, H, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW). Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM). European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FT, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR). OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

2005/047490 A2 III

(54) Title: IMPROVEMENTS IN CELL GROWTH

(57) Abstract: The present invention relates to use of peptide containing and peptide free synthetic low density lipoprotein (sLDL) particles as cell growth supplements for the growth of eukaryotic cells, especially mammalian.